## **ABSTRACT**

Disclosed is a combination hood microwave oven, by which a room environment is maintained more pleasant and fresh by proving a microwave oven with an air curtain generating unit for preventing polluted air, which includes hot, smelling, or humid air produced from an oven range on cooking, from diffusing into a room. The present invention includes a cabinet disposed over an oven range, a cooking room having a predetermined cavity within the cabinet for cooking using an electromagnetic wave generated from a magnetron, a hood unit installed within the cabinet to discharge polluted air produced from the oven range on cooking, and an air curtain generating unit installed at a bottom side of the cabinet to prevent the polluted air from diffusing into a room.